RE- 1600

CRF Errors Corrected by the STIC System Branch

CRF Processing Date: 7/16/2003
Edited by: _____
Verified by: _____ (STIC staff)

Serial Number: 09/368,989

ENTERED

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JUL 18 2003
TECH CENTER 1600/2900

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____.
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted ***ending*** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☑ Other: corrected amino acid numbering – Seqs. 1-5

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

#130 1600

RAW SEQUENCE LISTING DATE: 07/16/2003
PATENT APPLICATION: **US/09/368,989** TIME: 07:54:51

Input Set : **N:\AMC\368,989 Sequence Diskette in ANSI.txt**
Output Set: **N:\CRF4\07162003\I368989.raw**

SEQUENCE LISTING

(1) GENERAL INFORMATION:
(i) APPLICANT: Fred J. Stevens
Marianne Schiffer
Priscilla Wilkins-Stevens
W. Carey Hanly
Sandra L. Tollaksen
(ii) TITLE OF INVENTION: DEVICE FOR DETECTING MOLECULES, METHOD FOR DETECTING MOLECULES
(iii) NUMBER OF SEQUENCES: 5
(iv) CORRESPONDENCE ADDRESS:
(A) ADDRESSEE: CHERSKOV & FLAYNIK
(B) STREET: 20 N. Wacker Drive
(C) CITY: Chicago
(D) STATE: Illinois
(E) COUNTRY: United States
(F) ZIP: 60606
(v) COMPUTER READABLE FORM:
(A) MEDIUM TYPE: compact disc
(B) COMPUTER: PC
(C) OPERATING SYSTEM: Microsoft Windows XP
(D) SOFTWARE: Wordperfect
(vi) CURRENT APPLICATION DATA:
C--> **(A) APPLICATION NUMBER: US/09/368,989**
C--> **(B) FILING DATE: 05-Aug-1999**
(viii) ATTORNEY/AGENT INFORMATION:
(A) NAME: Cherskov, Michael J.
(B) REGISTRATION NUMBER: 33,664
(C) REFERENCE/DOCKET NUMBER: 0003/00332
(ix) TELECOMMUNICATION INFORMATION:
(A) TELEPHONE: (312) 621-1330
(B) TELEFAX: (312) 621-0088
(2) INFORMATION FOR SEQ ID NO: 1:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 111 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS: Single
(D) TOPOLOGY: linear
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

Asp	Ile	Val	Met	Thr	Gln	Ser	Pro	Asp	Ser	Leu	Ala	Val	Ser	Pro
1				5				10						15
Gly	Glu	Arg	Ala	Thr	Ile	Asn	Cys	Lys	Ser	Ser	Gln	Asn	Leu	Leu
				20				25						30

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```
52      Asp Ala Ser Phe Asp Thr Asn Thr Leu Ala Trp Tyr Gln Gln Lys
53                      35                  40                  45
55      Pro Gly Gln Pro Pro Lys Leu Leu Ile Tyr Trp Ala Ser Ser Arg
56                      50                  55                  60
58      Glu Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr
59                      65                  70                  75
61      Asp Phe Thr Ile Ser Ser Leu Gln Ala Glu Asp Val Ala Val Tyr
62                      80                  85                  90
64      Tyr Cys Gln Gln Tyr Tyr Ser Thr Pro Tyr Ser Phe Gly Gln Gly
65                      95                  100                 105
67      Thr Lys Leu Glu Ile Lys
68                      110
71  (2) INFORMATION FOR SEQ ID NO: 2
72       (i) SEQUENCE CHARACTERISTICS:
73            (A) LENGTH: 111 amino acids
74            (B) TYPE: amino acid
75            (C) STRANDEDNESS: Single
76            (D) TOPOLOGY: linear
77      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
79       Asp Ile Val Met Thr Gln Ser Pro Asp Ser Leu Ala Val Ser Leu
80       1               5                   10                  15
82       Gly Glu Arg Ala Thr Ile Asn Cys Lys Ser Ser Gln Ser Val Leu
83                       20                  25                  30
85       Tyr Ser Ser Asn Ser Lys Asn Tyr Leu Ala Trp Tyr Gln Gln Lys
86                       35                  40                  45
88       Pro Gly Gln Pro Pro Lys Leu Leu Ile Tyr Trp Ala Ser Thr Arg
89                       50                  55                  60
91       Glu Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr
92                       65                  70                  75
94       Asp Phe Thr Ile Ser Ser Leu Gln Ala Glu Asp Val Ala Val Tyr
95                       80                  85                  90
97       Tyr Cys Gln Gln Tyr Tyr Ser Thr Pro Tyr Ser Phe Gly Gln Gly
98                       95                  100                 105
100       Thr Lys Leu Glu Ile Lys
101                       110
104 (2) INFORMATION FOR SEQ ID NO: 3
105      (i) SEQUENCE CHARACTERISTICS:
106           (A) LENGTH: 111 amino acids
107           (B) TYPE: amino acid
108           (C) STRANDEDNESS: Single
109           (D) TOPOLOGY: linear
110     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
112      Asp Ile Val Met Thr Gln Ser Pro Asp Ser Leu Ala Val Ser Leu
113      1               5                   10                  15
115      Gly Glu Arg Ala Thr Ile Asn Cys Lys Ser Ser Gln Ser Val Leu
116                      20                  25                  30
118      Tyr Ser Ser Asn Ser Thr Asn Tyr Leu Ala Trp Tyr Gln Gln Lys
119                      35                  40                  45
121      Pro Gly Gln Pro Pro Lys Leu Leu Ile Tyr Trp Ala Ser Thr Arg
```

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```
                    50                  55                  60
     Glu Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr
                    65                  70                  75
     Asp Phe Thr Ile Ser Ser Leu Gln Ala Glu Asp Val Ala Val Tyr
                    80                  85                  90
     Tyr Cys Gln Gln Tyr Tyr Ser Thr Pro Tyr Ser Phe Gly Gln Gly
                    95                  100                 105
     Thr Lys Leu Glu Ile Lys
                    110
(2)  INFORMATION FOR SEQ ID NO: 4:
      (i) SEQUENCE CHARACTERISTICS:
           (A) LENGTH: 111 amino acids
           (B) TYPE: amino acid
           (C) STRANDEDNESS: Single
           (D) TOPOLOGY: linear
     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
     Asp Ile Val Met Thr Gln Ser Pro Asp Ser Leu Ala Val Ser Leu
     1               5                   10                  15
     Gly Glu Arg Ala Thr Ile Asn Cys Lys Ser Ser Gln Ser Val Leu
                    20                  25                  30
     Tyr Ser Ser Asn Ser Lys Asn Tyr Leu Ala Trp Tyr Gln Glu Lys
                    35                  40                  45
     Pro Gly Gln Pro Pro Lys Leu Leu Ile Tyr Trp Ala Ser Thr Arg
                    50                  55                  60
     Glu Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr
                    65                  70                  75
     Asp Phe Thr Ile Ser Ser Leu Gln Ala Glu Asp Val Ala Val Tyr
                    80                  85                  90
     Tyr Cys Gln Gln Tyr Tyr Ser Thr Pro Tyr Ser Phe Gly Gln Gly
                    95                  100                 105
     Thr Lys Leu Glu Ile Lys
                    110
(2)  INFORMATION FOR SEQ ID NO: 5:
      (i) SEQUENCE CHARACTERISTICS:
           (A) LENGTH: 111 amino acids
           (B) TYPE: amino acid
           (C) STRANDEDNESS: Single
           (D) TOPOLOGY: linear
     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
     Asp Ile Val Met Thr Gln Ser Pro Asp Ser Leu Ala Val Ser Leu
     1               5                   10                  15
     Gly Glu Arg Ala Thr Ile Asn Cys Lys Ser Ser Gln Ser Val Leu
                    20                  25                  30
     Tyr Ser Ser Asn Ser Lys Asn Tyr Leu Ala Trp Tyr Gln Gln Lys
                    35                  40                  45
     Pro Gly Gln Pro Pro Lys Leu Leu Ile Tyr Trp Ala Ser Thr Arg
                    50                  55                  60
     Glu Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr
                    65                  70                  75
```

RAW SEQUENCE LISTING DATE: 07/16/2003
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```
193      Asp Phe Thr Ile Ser Ser Leu Gln Ala Glu Asp Val Ala Val Tyr
194                      80                  85                  90
196      Tyr Cys Leu Gln Tyr Tyr Ser Thr Pro Tyr Ser Phe Gly Gln Gly
197                      95                 100                 105
199      Thr Lys Leu Glu Ile Lys
200                      110
```

VERIFICATION SUMMARY DATE: 07/16/2003
PATENT APPLICATION: **US/09/368,989** TIME: 07:54:52

Input Set : **N:\AMC\368,989 Sequence Diskette in ANSI.txt**
Output Set: **N:\CRF4\07162003\I368989.raw**

L:27 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:28 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]